





## STAGES 2017 / 2018 / 2019









1 PRELIMINARY WORKS 201	17	5 PRELIMINARY WORKS	2018	9 ROOFING WORKS	2018
1.1 FOUNDATION PREFABRICATION ELEMENT	<b>r</b> 4	5.1 CARPENTRY WORK	16	9.1 PURLIN LAYOUT	27
1.2 RCC STRUCTURE PREFABRICATION	5-6	5.2 RCC STRUCTURE PREFABRICATION	17	9.2 ROOFING	28

2 FOUNDATION	2017	6 RAISING WALLS	2018	10 FINISHING	2019
<ul><li>2.1 EARTHWORKS LAYOUT</li><li>2.2 EXCAVATION</li><li>2.3 LOWER PILLARS SET UP</li><li>2.4 STONE FOUNDATION</li></ul>	7 8 9 10	6.1 BRICK WALLS 6.2 WINDOW & DOOR SET UP	19 20	10.1 LANDSCAPING 10.2 OUTSIDE FINISHING 10.3 INSIDE FINISHING	29 30 31

<b>3 LOWER CONCRETE BEAM</b>	2017	2017 7 UPPER CONCRETE BEAM		
3.1 RCC BEAM LAYOUT & LINKS	11	7.1 UPPER RCC BEAM LAYOUT	21	
3.2 POURING LOWER RING BEAM	12	7.2 UPPER RCC BEAM POURING	22	

4 WALLS	2017	8 CARPENTRY WORK	2018
4.1 RCC PILLARS	13	8.1 TRUSS SET UP	23
4.2 STONE & CEMENT WALLS	14	8.2 JOIST FRAMING	24
4.3 BACKFILL & DPC	15	8.3 UPPER WALLS	25
		8.4 WOODEN FLOORING & INSULATION	26

## **APPENDIX :** good construction practices

A / BRICK BOND	32
B / REINFORCEMENT	33
C / RCC CONNECTORS	34
D / CONCRETE MAKING	35

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G / WOODEN FRAME LAYOUT	53
H / ELECTRICITY PLAN	54
/ ROOFING PLAN	55

## **MATERIALS AND QUANTITIES**

A / TOTAL QUANTITIES	58
B / QUANTITIES DETAILS	

REMOVABLE DRAWINGS	$\checkmark$
CARPENTRY DRAWING	
RCC STRUCTURE 2017	
RCC STRUCTURE 2018	
ELECTRICITY PLAN	

















- 3 Outside big wall plinth with **shaped stone** until 1'-6" from ground level
- 4 Other stone plinth with **river stone** until 1'-6" from ground level
- 5 Concrete pillars until 1'-6" from ground level
- 6 1" thickness **DPC** for winter protection

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10 DAYS

JULY

 $12^{\text{th}}$ 



3 LOWER CO	ONCRETE BEAM	Scale	1/150	North	5
3.1 RCC BEAMS	S LAYOUT & LINKS				
	Refers to junction details in <b>APPENDIX C</b> . The more you use it, the stronger it will be.	Iron beam Iron beam Iron beam Iron beam Iron beam Horizontal	20' LBC20 x 1 16' LBC16 x 2 14' LBC14 x 8 7' LBC7 x 2 6' LB6 x 3 beam connecto	or <b>UH</b> x 145	LB20 x 3 LB16 x 11 LB14 x 16 LB7 x 14





Backfill with excavation earth

Folded steel bars 2

3 Lower iron beam LB and LBC layout

4











































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